

6/25/2004

Oregon DEQ

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Environmental Cleanup Site Information (ECSI) Database Site Summary Report - Details for Site ID 2364

This report shows data entered as of June 19, 2004 at 3:51:11 PM

This report contains site details, organized into the following sections: 1) [Site Photos](#) (appears only if the site has photos); 2) [General Site Information](#); 3) [Site Characteristics](#); 4) [Substance Contamination Information](#); 5) [Investigative, Remedial and Administrative Actions](#); and 6) [Site Environmental Controls](#) (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Go to [DEQ's Facility Profiler](#) to see a site map as well as information on what other DEQ programs may be active at this site.

General Site Information

Site ID: 2364	Site Name: Foss Maritime/Brix Maritime	CERCLIS No:
Address:	9030 NW St. Helens Rd Portland 97231	
	County: Multnomah	Region: Northwest
Other location information:		
	Investigation Status: Listed on CRL or Inventory	NPL Site: No
Property:	Township/Range/Sect: 1N, 1W, 11	Orphan Site: Study No Area: No
	Latitude: 45.5877 deg.	Longitude: -122.7713 deg.
		Tax Lots:
		Site Size: 4.46 acres
Other Site Names:	Brix Maritime	
	Portland Harbor Sediment Study	
	Knappton Corp.	

Site Characteristics

General Site Description:

Site History:

Contamination Information:

Weston sampling results from the Portland Harbor Sediment Study revealed PAHs, thallium and butylbenzylphthalate in river sediments adjacent to the site. (11/20/01 RGS/VCP) Soil and groundwater sampling performed during the Preliminary Assessment indicated the presence of TPH, benzene, ethylbenzene, xylenes, naphthalene, PAHs, and 1,2,4-trimethylbenzene on-site. (12/23/02 RGS/VCP) A pre-remedial investigation was initiated in summer 2002. The monitoring wells were installed. NAPL was observed in one well. Additional wells will be installed.

Manner and Time of Release:

Hazardous Substances/Waste Types:

Pathways:

Environmental/Health Threats:

Petroleum contamination documented on-site could threaten on-site workers, as well as ecological receptors in the adjacent Willamette River.

Status of Investigative or Remedial Action:

(6/8/99 JMW/SAP) Based on initial sampling results from a river sediment quality study, the Foss Maritime facility has been identified as a potential source of contamination to the Portland

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Harbor. A Site Assessment Review Notice was sent 3/3/99. Response from Foss Maritime received 4/12/99. A site screening is scheduled (level III priority). (12/21/99 TG/SAP) Strategy Recommendation completed November 1999. An expanded Preliminary Assessment (XPA) at Foss Maritime should be conducted to evaluate sediment contamination, potential upland site contaminant sources and past waste-management practices, and to determine the extent and source(s) of observed sediment contamination at sample station SD052. An XPA is a high priority for follow-up. (4/2/01 RGS/VCP) DEQ has reviewed and commented on the Preliminary Assessment report provided by Foss. DEQ requested a focused sampling investigation. (11/21/01 RGS/VCP) Brix submitted and implemented a work plan for investigating contamination around the current and former USTs. This work occurred with no DEQ oversight. In June 2001, DEQ and Brix representatives met to discuss the results of the UST investigation, which indicated that soil and groundwater had been impacted. DEQ identified several data gaps based on this preliminary review. In September 2001, Brix submitted a report documenting the findings of the UST investigation. DEQ determined further action is needed and recommended a Pre-RI under the Portland Harbor Agreement. (12/23/02 RGS/VCP) A Voluntary Agreement for the RI was signed in May, 2002. RI activities began in May and are on-going.

Data Sources:

1) See also Spill files: 95-145, 95-486, 95-1175, 96-222, 96-1679, 96-1403, 97-201, 97-1857, 97-2378, 97-2489, 98-67, 98-75, 98-622, 98-2225, 98-3142. 2) Portland Harbor Sediment Investigation Report, prepared by Roy Weston, Inc. for USEPA, May 1998; 3) Foss Maritime Company's response to DEQ Site Assessment Information Request, March 31, 1999; 4) DEQ LUST Database; DEQ HWIMSy Hazardous Waste Generator Database; DEQ SPINS Spill Database; MetroScan Property Records, Multnomah County, Oregon. 5) "Supplemental Preliminary Assessment Summary Report", Anchor, October 2000; 6) "Work Plan for UST Investigation", Hahn and Associates, May 2001; 7) "Sampling Results Report in Support of the Preliminary Assessment", Anchor, September 2001; 8) DEQ project files

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded
BENZENE	Groundwater	125 ppb	5/29/2001
BENZENE	Soil	5.2 ppm	5/24/2001
BUTYL BENZYL PHTHALATE	Sediment	29 ppb - downstream	9/1/1997
NAPHTHALENE	Groundwater	65.1 ppb	5/24/2001
NAPHTHALENE	Soil	11.1 ppm	5/24/2001
POLYAROMATIC HYDROCARBONS (PAH)	Groundwater	7.445 ppb	5/29/2001
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	LPAH 803 ppb - downstream	9/1/1997
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	HPAHs 3907 ppb - downstream	9/1/1997
TOTAL PETROLEUM HYDROCARBONS (TPH)	Soil	Up to 53,400 ppm	1/26/1993
TRIMETHYLBENZENE,1,2,4-	Groundwater	627 ppb	5/29/2001
TRIMETHYLBENZENE,1,2,4-	Soil	59.8 ppm	5/24/2001
XYLENES	Groundwater	420.4 ppb	5/29/2001
XYLENES	Soil	134.9 ppm	5/24/2001

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
Site added to database	06/08/1999	06/08/1999	Janelle Waggy	VCS
Site Screening recommended (EV)	06/08/1999	06/08/1999	Stephen Fortuna	SAS
State Expanded Preliminary Assessment recommended (XPA)	11/19/1999	11/19/1999	Tom Gainer	VCS
SITE EVALUATION	11/19/1999	11/19/1999	Tom Gainer	SAS
Insufficient information to list	11/19/1999	11/19/1999	Tom Gainer	SAS
Letter Agreement	11/25/1999	12/22/1999	Eric Blischke	VCS
EXPANDED PRELIMINARY ASSESSMENT	02/15/2000	11/21/2001	Rodney Struck	VCS
Remedial Investigation recommended (RI)	11/21/2001	11/21/2001	Rodney Struck	VCS
NEGOTIATIONS	11/21/2001	05/08/2002	Rodney Struck	VCS
Consent Order	05/08/2002	05/08/2002	Rodney Struck	VCS
REMEDIAL INVESTIGATION (Primary Action)	05/08/2002		Bruce Brody-Heine	VCS
Proposal for Confirmed Release List recommended	10/03/2002	10/03/2002	Rodney Struck	VCS
Proposal for Inventory recommended	10/03/2002	10/03/2002	Rodney Struck	
Facility proposed for Confirmed Release List	02/20/2003	02/20/2003	Kim Van Patten	VCS
Facility proposed for Inventory	02/20/2003	02/20/2003	Kim Van Patten	VCS
Facility placed on Confirmed Release List	04/29/2003	04/29/2003	Kim Van Patten	vc
Facility placed on Inventory	04/29/2003	04/29/2003	Kim Van Patten	VCS

Key to certain acronyms and terms in this report:

CERCLIS No.: The U.S. EPA's Hazardous Waste Site identification number, shown only if EPA has been involved at the site.

Region: DEQ divides the state into three regions, Eastern, Northwest, and Western; the regional office shown is responsible for site investigation/cleanup.

NPL Site: Is this site on EPA's National Priority List (i.e., a federal Superfund site)? (Y/N).

Orphan Site: Has DEQ's Orphan Program been active at this site? (Y/N). The Orphan Program uses state funds to clean up high-priority sites where owners and operators responsible for the contamination are absent, or are unable or unwilling to use their own resources for cleanup.

Study Area: Is this site a Study Area? (Y/N). Study Areas are groupings of individual ECSI sites that may be contributing to a larger, area-wide problem. ECSI assigns unique Site ID numbers to both individual sites and to Study Areas.

Pathways: A description of human or environmental resources that site contamination could affect.

Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS or SAP = Site Assessment; VCS or VCP = Voluntary Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

For more information on this site you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us.

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